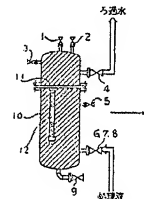


METHOD FOR BACKWASHING HOLLOW YARN FILTER**Publication number:** JP62163708**Publication date:** 1987-07-20**Inventor:** MARUYAMA SHINSAKU; INO TAKAO; OKUBO KAZUO**Applicant:** EBARA CORP**Classification:**

- **International:** G21F9/06; B01D63/02; G21C19/00; G21C19/007; G21F9/00; G21F9/06; B01D63/02; G21C19/28; G21F9/06PC1-7; B01D13/00; B01D13/01; G21C19/00; G21F9/06

- **European:****Application number:** JP19860003415 19860113**Priority number(s):** JP19860003415 19860113[Report a data error here](#)**Abstract of JP62163708**

PURPOSE: To prolong the life of a hollow yarn membrane by incorporating a scrubbing stage in succession to backwashing by compressed air, and effectively removing the suspended matter deposited on the hollow yarn membrane and which is difficult to release. **CONSTITUTION:** When the hollow yarn membrane filter for filtering radio-active waste liq. or condensate is backwashed, a dome drain valve 3 and a compressed air valve 2 are opened to discharge the liq. in the dome. Then only the valve 3 is closed, a backwashing discharge valve 9 is opened, and the liq. is discharged at a stretch to the height of a tube plate 11. The valve 9 is then closed, water is supplied and filled to a height under the tube plate by opening the valve 3, a tube plate vent valve 5, and a water inlet valve 7, the valve 5 is closed to fill the water to a dome drain port, the valves 3 and 7 are closed and an air scrubbing valve 8 and the valves 5 and 2 are opened to carry out air scrubbing, the valve 2 is closed, and air scrubbing is continued. The valve 5 is closed and the valve 9 is opened to discharge the liq. contg. suspended matter, and the valve 8 is closed and the valve 3 is opened to resume the filtration.



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